

Sanga, Ravi

From: Philip Spadaro [pspadaro@intell-group.com]
Sent: Monday, December 09, 2013 10:22 AM
To: Sanga, Ravi
Cc: Tom Colligan (Tom.Colligan@floydsnider.com); 'Ernst, William D' (william.d.ernst@boeing.com); Paolo Baldesi (b) (6); Dee Gardner (dgardner@soundearthinc.com); Miles Dyer (mdyer@columbuscastings.com); Chu Rebecca; Arrigoni, Holly; Blocker, Shawn; Grepo-Grove, Gina
Subject: RE: Jorgensen - OC data and normalized PCB results

Thanks Ravi –

I'll discuss with Dee and we will get back to you.

From: Sanga, Ravi [mailto:Sanga.Ravi@epa.gov]
Sent: Monday, December 09, 2013 10:20 AM
To: Philip Spadaro
Cc: Tom Colligan (Tom.Colligan@floydsnider.com); 'Ernst, William D' (william.d.ernst@boeing.com); Paolo Baldesi (b) (6); Dee Gardner (dgardner@soundearthinc.com); Miles Dyer (mdyer@columbuscastings.com); Chu Rebecca; Arrigoni, Holly; Blocker, Shawn; Grepo-Grove, Gina
Subject: RE: Jorgensen - OC data and normalized PCB results

Phil -- EPA has reviewed the data provided by Jorgensen including the TOC results and normalized PCB results. While all the calculations are acceptable, the lab must be consistent with the significant figures reported and this needs to be addressed in the final data report. Also, there appear to be duplicate sample runs, but only one run was reported. Were the results averaged ? More explanation is needed in this regard in the final data report, but other than that the data can be used for cleanup designs and actions by Jorgensen.

Regards,

Ravi

From: Philip Spadaro [mailto:pspadaro@intell-group.com]
Sent: Wednesday, December 04, 2013 7:36 PM
To: Sanga, Ravi
Cc: Tom Colligan (Tom.Colligan@floydsnider.com); 'Ernst, William D' (william.d.ernst@boeing.com); Paolo Baldesi (b) (6); Dee Gardner (dgardner@soundearthinc.com); Miles Dyer (mdyer@columbuscastings.com)
Subject: Jorgensen - OC data and normalized PCB results

Ravi –

Please find attached the analytical chemistry reports from the angle borings including the TOC results and normalized PCB results as appropriate. The analytical laboratory has normalized the results for all detectible results of TOC. As you are aware, normalization for comparison to the SMS are only applicable within a range of >0.5% and <4% per Michelsen TC, Bragdon-Cook K. 1993. We've also attached a table that includes the normalized results that fall within that range. Values in the table outside of that range are reported as dry weight totals.

Please let us know if you have questions.
 Best regards.
 Philip



******PLEASE NOTE NEW ADDRESS******

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